

Amendments to the Claims:

This listing of claims will replace all prior versions of claims in the application.

1. (Currently Amended) A camera support, comprising:

a base including an axle and a bar;

an isolator plate ~~attached to the base and~~ pivotable about the axle in a vertical direction;

one or more springs attached to the bar and the plate for exerting a spring force between the base and the plate; and

one or more dampening elements attached to the bar and the plate for exerting a dampening force between the base and the plate.

2. (Original) The camera support of claim 1 further comprising a horizontal isolator assembly supported by the plate, and a leveling system associated with the plate and the horizontal isolator assembly.

3. (Currently Amended) A camera support, comprising:

a vertical axis system including:

a base;

an arm pivotably attached to the base at a first location;

at least one spring connected to the base and to the arm, wherein the spring is connected to the base above or below the first location so that the spring is substantially not parallel with the arm;

at least one dampener connected to the base and to the arm;

a horizontal axis system supported by the vertical axis system; and

a leveling linkage connecting the vertical and horizontal axis systems.

4. (Original) The camera support of claim 3 further including adjustment features for adjusting the leveling linkage to compensate for angulation movement of the base.

5. (Original) A shock and vibration isolator for a camera, comprising:
first and second spaced apart side plates;
an axle connecting to the side plates;
an arm attached to the axle, with the arm pivotable relative to the side plates;
a bar attached to the side plates;
at least one spring connected to the arm and to the bar;
at least one viscous dampener connected to the arm and to the bar;
first and second spaced apart leveling plates pivotably attached to the arm; and
first and second leveling rods pivotably attached respectively to the first and second side plates.

6. (Original) The isolator of claim 5 further including a turnbuckle between the arm and the spring.

7. (Original) The isolator of claim 5 further including one or more alternate attachment positions for the leveling rods on the side plates or the leveling plates.

8. (Original) The isolator of claim 5 further including means for adjusting tension in the springs.

9. (Original) The isolator of claim 5 further including a horizontal axis isolator supported on the leveling plates.

10. (Original) The isolator of claim 9 with the horizontal axis isolator including a first longitudinal bar slidable through a first fitting on the first leveling plate, and a second longitudinal bar slidable through a second fitting on the second leveling plate, and a first lateral bar and a second lateral bar extending between and supported by the first and second longitudinal bars, and a mounting plate slidable along the first and second lateral bars.

11. (Original) The isolator of claim 10 with the first and second lateral bars having a radius of curvature of 60-168 inches.

12. (Original) The isolator of claim 10 further comprising lateral springs acting to hold the mounting plate at a lateral central location on the lateral bars, and longitudinal springs acting to hold the mounting plate at a longitudinal central location on the longitudinal bars;

a pair of lateral dampeners attached to the mounting plate; and

a pair of longitudinal dampeners attached to the mounting plate.

13. (Cancelled)

14. (Cancelled)

15. (Original) The camera support of claim 1 with the spring exerting a spring force at an angle of 2-15 degrees to a plane of the isolator plate.

16. (Currently Amended) The camera support of claim 1 further comprising a camera mounting plate pivotably supported on the isolator plate, and a levelling leveling system associated with the mounting plate and the isolator plate, for keeping the camera mounting plate level as the isolator plate pivots vertically.

17. (New) A camera support, comprising:

a base assembly adapted to be mounted on a camera dolly or a camera crane;

an isolator arm attached to, and vertically pivotable about, a first element on the base assembly;

at least one spring attached to a second element on the base assembly and to a first portion of the arm spaced apart from the base assembly; and

at least one dampening element attached to the base assembly and to a second portion of the arm spaced apart from the base assembly.

18. (New) The camera support of claim 17 wherein the dampening element is attached to the second element on the base assembly.

19. (New) A camera support system, comprising:

a camera crane;

a base attached onto the camera crane;

an isolator vertically pivotable about the base;

a spring attached to the base and to the isolator, wherein the spring is substantially at an acute angle relative to the isolator; and

a dampening element attached to the base and to the isolator.

20. (New) The camera support of claim 19 wherein a plurality of springs and dampening elements are attached, in an alternating arrangement, to a bar on the base.

21. (New) The camera support of claim 20 wherein the isolator is attached to, and pivotable about, an axle on the base positioned below the bar.